

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-151390

(43)Date of publication of application : 23.05.2003

(51)Int.Cl.

H01H 13/00  
H01H 13/04

(21)Application number : 2001-343194

(71)Applicant : ASA DENSHI KOGYO KK

(22)Date of filing : 08.11.2001

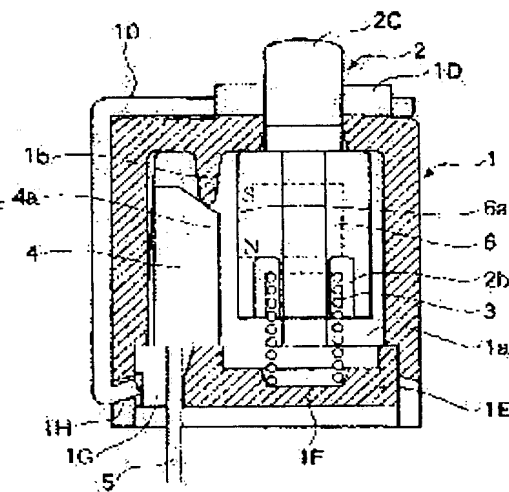
(72)Inventor : ASA YUKIHIRO

## (54) SMALL MAGNETISM SENSITIVE SWITCH

(57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a very small and inexpensive magnetism sensitive switch requiring only very small control force.

**SOLUTION:** A movable member 2 and a coil spring 3 are arranged in a switch case 1, the coil spring 3 supports a movable member 2, and an upper end part 2c of the movable member 2 protrudes from an opening 1D of an upper face part of the switch case 1. A Hall IC 4 is arranged in the switch case 1. When the upper end part 2c is pressed, a magnet 6 fixed to the movable member 2 moves downward, and an output signal of the Hall IC 4 changes from off to on.



## LEGAL STATUS

[Date of request for examination] 26.08.2003

[Date of sending the examiner's decision of rejection] 22.11.2005

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office